

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Katsuyoshi NAKAZATO

Conf.

Application No. NEW NATIONAL PHASE

Group

Filed September 21, 2005

Examiner

METHOD OF MEASURING PROTEIN SOLUBILITY, PROCESS FOR PRODUCING
CRYSTAL AND APPARATUS THEREFORINFORMATION DISCLOSURE STATEMENT
(SUBMISSION CONCURRENT WITH THE
FILING OF A NEW PATENT APPLICATION)Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

September 21, 2005

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, and in fulfillment of the duty of disclosure under 37 C.F.R. § 1.56, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- ☐ Copies of the U.S. patents or publications are not submitted since the USPTO has waived their submission for applications filed after June 30, 2003.
- ☐ Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- ☒ This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should have been forwarded from the International Search Authority pursuant to the trilateral agreement between the USPTO, EPO and JPO, or they are U.S. patents or U.S. published applications. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE
(check at least one box)

1026 Rec'd PCT/PTO 21 SEP 2005

a. ☐ DOCUMENTS IN THE ENGLISH LANGUAGE

The attached non U.S. patents, non U.S. patent application publications, foreign publications, or other information in the English language do not require a statement of relevancy.

b. ☐ DOCUMENTS NOT IN THE ENGLISH LANGUAGE

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c. ☒ FOREIGN SEARCH REPORT OR ACTION

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A) (3).

d. ☐ OTHER

The following additional information is provided for the Examiner's consideration.

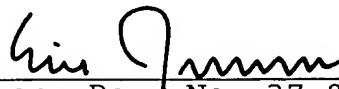
FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If The Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned.

Respectfully submitted,

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Enclosures: ☒ Form PTO-1449(s)
☐ Documents
☐ Foreign Search Report
☐ Other: _____

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Attorney Docket No.:
8062-103.0

Application No.:
10/550062
NEW NATIONAL PHASE

Applicant:
Kaysuyoshi NAKAZATO

Filing Date:
September 21, 2005

Group Art Unit:

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing date (if appropriate)

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	2003-95800	4/3/2003	JAPAN				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Masayoshi NAKAZATO et al., "Nikosoku Kanshokei to Micro Toseki Cell o Mochiita Tanpakushitsu Kessho no Yokaido Sokutei to Kessho Seicho no Seigyo", Bio physics, Vol. 42, Suppl.2, Dai 40 Kai Nenkai Koen Yokoshu, 10 October, 2002 (10.10.02), 1G1700
	R.J. Gray et al., "A new approach to the measurement of protein solubility by Michaelson interferometry", Journal of Crystal Growth, Vol. 232, November 2001, pages 10 to 16
	J.M. Garcia-Ruiz et al.;< "Supersaturation patterns in counter-diffusion crystallisation methods followed by Mach-Zender interferometry", Journal of Crystal Growth, Vol. 196, January 1999, pages 703 to 710
	M.M. Ries-Kautt and A.F. Ducruix: "Relative Effectiveness of Various Ions on the Solubility and Crystal Growth of Lysozyme", THE JOURNAL OF BIOLOGICAL CHEMISTRY, Vol. 264, No. 2, January 1989, pages 745 to 748

EXAMINER:

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

* English language abstract provided for the Examiner's convenience

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